

O. G. VILLARD AND ROGERS WRITE FOR THE MARCH REVIEW

Editor of *The Nation* Repeats
Plea for Liberty of Press
And Thought

REVIEW ON SALE MONDAY

Prof. Rogers Writes Humorous
Story About Last Annual
Alumni Dinner

With "I Believe in Freedom of Speech, But" by Oswald Garrison Villard, editor of *The Nation*, and "Salad, Sauce and Sealing Wax" by Robert E. Rogers, professor of English, the *Technology Review* publishes two articles that should draw attention from the undergraduate body as well as from the Alumni. The magazine will place its March issue on the stands in the corridors Monday and Tuesday.

In the article by the noted editor of *The Nation*, Mr. Villard "reiterates his plea for a complete observance of the rights of free speech, free public assemblage, and individual liberty of thought." He says in part, "I suppose there is nothing more discouraging than the number of Americans one meets in every walk of life who believe that they are loyal Americans and think that they know what were the doctrines of the founders of this Republic and yet show themselves in a breath to be wholly without an appreciation of what the American spirit really is. At every turn one meets people who say: 'I believe in liberty of speech but . . .'; 'I believe in freedom of the press, but there must not be license'; 'I believe in the just criticism of public officials but there are limits beyond which the press and public must not go.' Now the simple fact is that you either believe in liberty or you do not; there can be no 'buts,' no limitations to liberty. The minute you begin to limit freedom you destroy the

(Continued on Page 4)

Students Of Back Bay Will Confer On 'God and Sin'

Back Bay Students' Committee
Arranges Conference for
Tomorrow

Holding their sixth monthly conference of the season, the Back Bay Students Committee, composed of students from over twenty institutions in Greater Boston, has invited all students to hear the Rev. Raymond Calkins speak on the topic, "God and Sin."

This will be held at the Church of the Messiah, at Gainsborough and St. Stephen Streets, between Symphony Hall and the Opera House, tomorrow at 2 o'clock.

This subject was chosen in answer to the question put to one of the former speakers by a Senior at the Institute, who was evidently an "honest doubter." The speaker has stated that he will consider the concepts of God apart from and including the statements in Revelations, and also the concepts of sin in and out of the Bible. A forum will follow the address, and it is stated that Mr. Calkins is adept at answering any and all questions. Tea will be served at 4 o'clock.

Mr. Calkins has had a considerable amount of dealing with students, and is considered one of the most expert speakers to students in Greater Boston. He is pastor of the Shepard Memorial Church, in Cambridge, and is said to be popular with students at Wellesley and Harvard as well as at Yale and Princeton.

Having as their object the promotion of better thinking about religion among college students, the Back Bay Students Committee is composed of students from over twenty institutions in Greater Boston, and holds monthly conferences, open to students only, which are addressed by prominent men in business, science and religion.

There are two joint chairmen, Stella Brewster, Wellesley '29 and an Institute man, George R. Taminosian '28, while three other students from Technology are on the executive committee. These are G. Donald Buckner '28, William H. Carlisle, Jr., '28, and Adam K. Stricker, Jr., '28.

Prom Cost May Drop If Signups Reach 400

Admission to the Junior Prom may be reduced from \$12 to \$11 if next week's signup campaign reaches a total of 400 according to a report received last night from the Prom Committee. Signups will cost \$5 and start Wednesday for Juniors with the rest of the student body getting their chance on the two following days. The remainder will be due a month later.

This year's Prom Committee has adopted a unique method of financial procedure by choosing to work as a sub-committee of the Institute Committee and has already had the Prom budget approved by that body. Through adopting this course the Junior Prom for this year is guaranteed financial backing by the Institute Committee to the extent of the budget.

ARRANGE PROGRAM FOR SENIOR WEEK

Chairman of Sub-Committees
Appointed Yesterday by
Senior Week Body

Tentative plans for the Senior Week program were drawn up by the Senior Week Committee at their meeting yesterday. According to the present plans, the various functions will start with the picnic on Thursday, June 2, and end with the Senior Prom on the following Tuesday.

Sub-committees have been appointed for each of the events, besides the committee for the booklet, of which Donald H. Spitzli '27 is chairman, and one for publicity headed by John H. Field '27. Maurice Davies '27, who has been appointed chairman of the Picnic Committee, declined to say whether he could take the position. The picnic will be held in the Pemberton Inn at Hull, down the harbor.

Symphony Hall is being obtained for the Pop Concert, the event which is scheduled for the second day. Arrangements are being made by a committee with Joseph C. Burley '27 as chairman.

The Banquet, which will probably be held in Walker as it was last year, will be held on Saturday, and is under the direction of Thomas A. Knowles '27 who heads the Banquet Committee.

Following that, the Baccalaureate Sermon will be given on Sunday, and is being arranged for by Kenneth A. Smith '27 with the aid of the First Marshal, Raymond F. Hibbert '27.

First of the events for Monday is Class Day which will be organized by Alf K. Berle '27 the committee chairman. In the afternoon there will be a Tea Dance to be arranged by a committee under Maurice D. James '27.

Commencement comes on the last day and is being taken care of by a committee of the faculty. Hibbert is chairman of the committee for Senior Prom which will be held that evening. Several men have expressed the wish to hold the Prom outside of Walker in spite of the expense which it would incur, and inquiries are being made as to the plausibility of doing so.

Further arrangement of the program of Senior Week will be made at a meeting of the Executive body and chairmen of the sub-committees to be held in the Committee Room of Walker on Tuesday at 5 o'clock.

T. C. A. WILL SEND MEN TO CONFERENCE

Technology has been allotted eight delegates at the Student Mid-winter Conference for Eastern New England which will be held at Poland Springs, Maine, March 11-13, under the auspices of the New England Field Council of the Student Branch of the Y. M. C. A.

Harlan R. Jessup '28 has been appointed chairman of the Institute delegation; Waldo M. Powers '29, Fred N. Dickerman '30, Donald F. F. Batchelder '30, Alva H. Pearsall '28, Walter H. Partridge '29, Theodore A. Riehl '30, and Robert A. Lytle '30 have also signed up to go. A special car for students from Greater Boston is under consideration.

Speakers have been announced as Miss Rhoda McCulloch of the National Y. W. C. A. and Mr. Henry P. Van Dusen of the Union Theological Seminary. The T. C. A. will pay up to half of the expenses of anyone who wants to go but is short of funds.

SOPHOMORE DANCE WILL BE HELD AT THE NEW STATLER

New Hotel Will Furnish The
Battleground For Duel
Of Orchestras

TECH SHOW ENTRE-ACTE

Dancers To Reign Supreme In
Georgian Room and The
Mezzanine Floor

Following the example set last year by the Class of 1928 the Sophomore class will hold a formal dance on Friday, March 25, to which everyone in the Institute is invited. This year's affair will be in the new Hotel Statler. The Tunesters and Tectonians will fight a duel of music with the Georgian Room as the battleground.

According to the program made public yesterday by the Sophomore Committee the Tunesters will play from 9 o'clock until 11:45 o'clock at which time the Tech Show 1927 will present a specialty act about a half hour in duration. Following this presentation the Tectonians and Tunesters will play alternately until 2 o'clock.

This is the first dance given by the Class of 1929 and according to Paul H. Gill, president of the class, every possible detail is being attended to which will tend to make the function a success. Major and Mrs. Cleveland H. Bandholtz and Captain and Mrs. Thomas Phillips have been invited to chaperone.

It would have been possible to have secured the grand ballroom of Boston's newest hotelery but as it accommodates 600 to 700 couples it was thought too large for the Sophomore dance. The Georgian Room which has been secured, holds 400 couples and this with the mezzanine floor which will be open to the dancers should provide ample space for everyone.

With the dancing rooms of the new Statler booked up for months ahead it was with difficulty that the Class of 1929 was able to obtain a suitable date. The tickets for the dance will go on sale at the fraternities and dormitories on March 14 and in the lobby the next day at \$2.00 per couple or stag.

E. E. DEPARTMENT HOLDS COLLOQUIUM

Bell Telephone Research Men
To Discuss Problems of
Communication

A colloquium arranged especially for those interested in electrical communication, having as its subject "Frequency Relationship in Electrical Communication," will be given by R. V. L. Hartley and J. Warren Horton '14, both of the Bell Telephone Laboratories Inc., in Room 3-370 on Monday from 3 to 5 o'clock, and Tuesday from 2 to 4 o'clock.

Mr. Hartley has been conducting and supervising research work in communications with his company since 1913. He has been actively engaged in many of the recent developments in communication and is responsible for a considerable number of them, notably some developments in carrier wave communication. Mr. Horton has been engaged in research on hydrophone devices, vacuum tube circuits of various kinds (principally where the applications are in carrier telephony and telegraphy circuits) and systems which may be utilized to obtain energy at constant frequency.

The Electrical Engineering Department, under whose auspices the colloquium is being held, feels that this paper will be of great value to those interested in carrier current communication, frequency standardization and the many other connotations of the term "frequency" in communications problems.

Twenty-Year-Old Co-ed Heads Latest Activity



RUTH E. DAVIES '29
Manager of Co-ed Fencing

Institute Co-eds Make Fascinating Blade Thrusters

Latest Female Sport Is Ready
For Intercollegiate
Contests

After a year of practice the Institute Co-eds have established quite a formidable fencing team, so much so that at the present time they are contemplating issuing challenges to other groups around Boston. According to Miss Ruth Davies '29, manager of the club, the whole team feels confident that they can match any team with like training and experience.

This bevy of girlish fencers is coached by Kenneth C. Hawthorne '28 and Carlos L. Ferré '28, both of the Varsity fencing team. Practice is held every Tuesday and Thursday afternoons in the office of Major Cleveland H. Bandholtz, which has been loaned to them. Showers and a locker room have been fitted out in the basement of Building 1, and Bursar Horace S. Ford has supplied a number of mats. At the present time the girls use foils only, but are contemplating the use of sabres and epees.

No captain has as yet been chosen, and Manager Ruth Davies has announced that she is trying to arrange meets with the Boston Institute of Physical Culture, Radcliffe, and Simmons. No letters can be awarded for this sport, because of the Athletic Association rules barring graduates from participation. The co-ed team is made up of several graduates. For the same reason the team cannot fence under the name of Technology, so consequently will adopt some such name as "The Beavers."

Ruth Davies is the guiding light of the group, assisted by Margaret C. Birge '27, who is an expert at the foils. Other members are Dorothy Quiggle G., Katherine Rand G., Charlotte T. Perry G., Roberta B. Lovely '28, Constance L. Sharp '29, E. May Bixby G., Ethel Rosenwald '27, Honora Reardon '28, Ana Marques '30, Mrs. Helen R. Wren, and two members of the library force, Miss Jules McArthur and Miss Gertrude Perry.

Fencing is not the only venture attempted by the co-eds. Two years ago a basketball team was started, but it was not wholly a success. At the present time there are a total of about 35 co-eds here, including 8 Graduates, and 15 stationed at Rogers.

CLIMBER OF EVEREST ADDRESSES FACULTY

Mr. Noel E. Odell, a corresponding member of the Appalachian Mountain Club will address the Technology Faculty Club on his experiences in climbing Mount Everest, at a luncheon to be held in the Faculty Dining Room, Walker, on Monday noon. Mr. Odell was a member of both the 1922 and 1924 Mount Everest expeditions, with which he held the positions of oxygen officer and glaciologist. He lived on Mount Everest for 12 consecutive days at an altitude of 23,000 ft., climbed twice in three days to 26,700 feet, and was the last man to see Mallory and Irvine on their fatal attempt to reach the summit.

BEAVER QUINTET MEETS CLARK IN THE HANGAR GYM

Comparative Showings Give
Technology Team Edge
Over Invaders

VETERAN SQUAD TO START

McCarthy's Men Hope To
Bring Season's Total of
Victories to Nine

Fresh from their victory over Tufts, the fast Cardinal and Gray quintet takes on Clark College at the Hangar gym tomorrow evening in one of the final games of the season. As a result of the comparative showings of the two teams so far this season the Engineers rule favorites to win and run their total of victories for the year up to nine.

Clark has at best a very mediocre squad this year. They have trailed Amherst, Worcester Polytech, and Northeastern in their three last games and in no one of them have they showed any great indication of scoring power. The Beavers took a hard fought game from the N. U. hoopsters earlier in the season, while the latter ran roughshod over Clark winning 40-25.

Shanahan, one of the forwards on the visiting team, is an unusually fast player with a good eye for the cage, but his supporting team is as weak as he is good. Against Northeastern he was responsible for twelve points whereas the most that any other of the Worcester boys could annex was two.

Doc McCarthy's boys have been practicing very hard over at the hangar all week and are set to go for tomorrow's game. All the veterans will be in the opening lineup. Captain Ernie Hinck will be at left guard, Norm Estes at right, Norm McClintock center, and Brockelman and Allen as forwards.

During the last few games McClintock has been developing in great style. His work in the Tufts game last Saturday was particularly impressive when he totalled 10 of the squads 35 points. Brockelman and Allen have also been steadily improving on the forward line, and with Hinck and Estes playing their usual sterling game, there seems to be little hope for the Worcesterites.

SELL PRINTS OF "OLD IRONSIDES" AT 10-100

Technology Leads Colleges In
Amount Contributed

Reproductions of Gordon Grant's picture of the old frigate Constitution, are on sale in room 10-100 as part of a campaign to "Save Old Ironsides" which was authorized by Congress two years ago and is being carried out under the auspices of Philip Andrews, Rear Admiral of the United States Navy.

This drive, which is being held wholly for patriotic purposes, is ultimately intended to complete the fund necessary to preserve "Old Ironsides" as a national floating monument. It is hoped that after her complete restoration she will visit every large sea and river port in the country.

Grant's painting, which portrays the old warship in her original condition sailing along in a fair breeze, will hang permanently in the White House. It has been copyrighted and is being reproduced at cost in ten colors by a new process, in prints which are 17x21 inches.

CALENDAR

Friday, March 4
6:30—American Society for Steel Treatment Dinner, North Hall.
8:00—Scabbard and Blade Dance, Main Hall.
Saturday, March 5
8:00—M. I. T. vs. Clark Basketball, Hangar Gym.
Tuesday, March 8
4:00—T. C. A. Forum, Faculty Dining Room.
5:00—Christian Science Society Meeting, Room 4-132.
6:00—Mining Engineering Society Meeting, North Hall.
Wednesday, March 9
6:00—Quadrangle Club Dinner Meeting, Faculty Dining Room.
Thursday, March 10
2:00—N. E. Interscholastic Basketball Tournament, Hangar Gym.
5:00—Institute Committee Meeting, Faculty Dining Room.
8:00—Helicon Society Social, North Hall.

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For 46 Years



Official News.
Organ of the
Undergraduates
of M. I. T.

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In charge of this issue: George R. Taminosian '28

THE CIRCUS IS COMING

NOT SO LONG ago, the cry of "the circus is coming to town" brought forth great shouts of joy and exultation. There is no more romantic event in the days of youth than the circus. The world of spangles holds a charm over all the "kids." The immediate question is "Have we left those days so very far behind? Have we lost the ability to get a thrill from a real honest-to-goodness circus?"

All the signs of the age seem to indicate that the members of "genus Technologica" are just as full of fun as they ever were. Now the chances are pretty good that in the lives of everyone at some time or another there has been a desire to join the circus. Gentlemen, step right up! Your opportunity has come to join the "greatest show on earth"—for the necessary attribute of each circus is that it must be the "greatest show on earth"—the greatest collection of animals human and inhuman, dead and alive,—the world's greatest collection of Nature's oddities and man's contrivances! The most proficient performer in the entire field of legerdemaine, the greatest seers of the Orient, the most beautiful women of the occident. Come one, come all!

The Massachusetts Institute of Technology Circus of 1927 is calling for the services of every Technology man. Now is the great opportunity to apply from one to four years theory in the Arts and Sciences to the great event. Ideas, ideas, and more ideas. Men, men, and more men to carry them out—all to make the 1927 circus the greatest circus in all history. April First the day of All Fools sees this mammoth circus play to a capacity crowd in the Cambridge Armory.

AN AMERICAN SHRINE

"Aye, tear her tattered ensign down;
Long has it waved on High.
And many an eye has danced to see
That banner in the sky!"
—Oliver Wendell Holmes.

THE NAME of "Old Ironsides" brings back many memories. The story of the famous old frigate is known to every boy and girl of grammar school age. It is more than the name of a ship—it is a name for the very spirit of America. There is no relic in the country which is more symbolic of the early heroism of our Nation than the U. S. S. CONSTITUTION. Her flags and signals were made by Betsy Ross in Philadelphia. The bolts that fastened her timbers were made in the workshop of Paul Revere. The ship has been in more than forty-two battles and has never known defeat.

For years she has lain in the Charlestown Navy Yard, slowly rotting. Now a movement is abroad to raise money to recondition her. The money is to come from the people of the United States and not from a Congressional appropriation. It is thought that in this way the affair will naturally tend to present a far greater appeal to the American people as a whole.

As a consequence, Gordon Grant, who is perhaps the greatest living American marine artist, has done a picture, showing the famous old ship heading into battle under a full set of sails. This picture has been reproduced in ten colors on excellent paper and is being sold throughout the country for the ridiculously small sum of twenty-five cents.

We consider this crusade a worthy cause. Furthermore we wish to call attention to the fact that the Institute has shown its interest and approval by permitting the pictures to be sold in the Information Office, Room 10-100. We are told that to date, more pictures have been sold at the Institute than at any other college. In itself, this is something to be proud of, and THE TECH takes this opportunity to urge its readers to help and do their share. We believe that the picture is certainly worth framing, and in a certain measure it, in addition, affords us an opportunity to display our patriotism in a small way.

THE OPEN FORUM

AGAINST FOOTBALL

EDITOR'S NOTE

In the Open Forum Column of last Monday's issue we printed a letter on football. This letter was written by an undergraduate whose identity was known by this department. It was run without the signature of the writer because he felt that his arguments could best be presented in this way. Subsequent comment has shown that this signature led to misdirected criticism of a certain alumnus who is known to hold similar ideas concerning this matter. The writer, therefore, wishes to correct this false impression and let it be known that he is an undergraduate.

—The Editor.

To the Editor:

In the agitation for varsity football which has been recurrent this year I have noticed two oft reiterated arguments: viz., "That varsity football would increase the undergraduate enrollment at Technology, by showing that Technology men are not merely educated machines" and "That football would 'engender in the individual student a love of sport and a belief in, and adherence to the simple rules of clean sportsmanship, and develop judgement, a sense of responsibility and the power of self-control.'"

With respect to the first argument, it would appear that those thinking thus have quite forgotten that Technology has arrived at its present size and has achieved prestige entirely without the aid of football. It is doubtful if they who make football, or any single recreational facility, the chief basis of the selection of an educational institution would add further lustre to our fair name; Technology has a sufficient number of pressing problems without adding that of dead wood. Further, have these proponents considered the advisability or desirability of increasing the Institute's undergraduate enrollment?

With respect to the second, the benefits enumerated are not to be gained. But, Technology already possesses an amazing variety of sports and student activities available to those who seek them. Nay, 'tis not restricted to those who seek them, for these same sports and activities diligently endeavor to attract students into their respective fields; yet one constantly hears the plaint of lack of interest and scarcity of candidates. One well may question the desirability of adding another sport, undoubtedly though its benefits be, while those offering these same benefits and at present recognized by the authorities languish for lack of sufficient ardent support.

We have yet to hear a valid football argument.

Signed,
W. W. Duley '27.



Shades of Manchurian cheese hounds and delapidated dog skins! What is this rejuvenated, revamped, rejaized existence of ours coming to? After having glimpsed fur coats of as many different hues, shapes and sizes as there are pants in Raymond's it remained for a member of the Junior class to display to the Lounge the longest haired, funniest looking, skim-milked variety of fur bearing species that he has yet seen and ever hopes to lay eyes on.

It was in the Business Management class on Wednesday afternoon, right at the beginning of the hour that this red-haired, freckle-faced individual came strutting into the class, bowed down by the weight of an enormous, yea even a mammoth, fur coat. Closely followed by his two companions at arms he closely resembled Lord High Kickapoo, king Chief of the Swanee Indians on their return from the northern clime, following a long hunt for whale blubber.

But let it not be thought that this coat was any ordinary furcoat. It was a most exceptional one. It had the color of a Japanese poodle, the stiffness of bristle of a Siberian wolfhound, the straight hair of a porcupine in his most inimical moments. About the best description that the Lounge can give of this coat is that it resembles a hybrid sprung from a cross between a woodchuck and a skunk. As Briggs would say "Can you beat it?"

A "Red Head Club" has been formed at the University of Washington George Washington University for the "glorification of the long-haired, red-headed woman." However, members of the club must be genuinely red-headed for girls with Titian locks despise all hennaed beauties.

Fraternalities at the University of Nebraska which did not participate in the interfraternity track meet received teacups from the coach "in appreciation of their services."

Transcript Compares Penalties Given To Harvard and Technology 'Rioters'

Editor's Note: The following editorial appeared in last evening's issue of the *Boston Evening Transcript* and has been reprinted through the courtesy of the *Transcript's* editor.

"Harvard's Punishment and Tech's"

"Fines plus jail sentences having been meted out to four men, and fines alone to six others, who participated in the Harvard Square 'riot' which Judge Stone now says 'was at no time a riot,' it is of interest to compare these results with the penalties inflicted after the Technology affair which occurred last November on the memorable eve of Guy Fawkes Day. After that disturbance only one M. I. T. student was given a jail sentence, for five and not for ten days as in the Harvard cases. He was a student who had been arrested in Cambridge, and the only man so taken by the police before the Tech 'serpentine' moved on its way into Boston. He came before Judge Stone on Nov. 5 and was at once given the jail penalty. The other arrests in the Technology affair occurred in Boston. On Dec. 21 Judge Palmer, in the Roxbury Court, imposed fines of \$100 and \$50 respectively on two of the men before him, and found the others not guilty. In every instance, both as to the Harvard men and the Tech men, appeals have been taken to the Superior Court.

"Confronted thus with a wide difference in the extent of the penalties judicially imposed after the two disturbances, one is bound first to note that the question of good and clear identification apparently had much influence upon the decisions in both cases. In the Harvard case many defendants were discharged outright for lack of sufficient identification. And in the Technology case a basic reason for the findings of not guilty on the more serious charges of wanton destruction of property and of assault and battery—the defendants who were fined being held guilty only on charges of creating a disturbance—seems to have been a lack of proper identification of persons who did the damage, rather than any contention that damage was not done.

"At the same time, one is bound to note also that the circumstances under which the Harvard square trouble began quite naturally and rightly hold, in judicial eyes, a character more grave than any attending the Technology outbreak. Destruction of property is bad enough, but interference with police officers making an arrest may well be considered still more serious. It is a direct challenge not only to the police, but to the very courts whose officers the police are, and thus is a challenge to the whole system of authority upon which the protection of

all life and property in an organized society depends. If the proof has shown that certain individual Harvard students did interfere with an arrest, the two men—not Harvard students—then certainly one cannot be surprised that the penalty imposed by the Municipal Court is quite drastic, even though no specific charge of this offense has been lodged in the actions now pending.

"On the other hand, Judge Stone himself lent, in his remarks before judgment, great credence to the view that after the first incident around the patrol-signal box in Harvard square, the whole temper of the occasion changed. There was a disturbance of the peace, he says, which went beyond anything he can condone, but he declared also that the disturbance has been greatly magnified, and 'was at no time a riot.' If this be the fact of the matter, then the door surely is flung wide open to the question now, 'What about the conduct of the police? What about their general and indiscriminate use of night-sticks on a crowd which Judge Stone says was by no means engaged in a riot? What of blows across the head and face of a man who, like Ferguson, was merely ambling across Harvard square after a chess game?' The fact that excessive and unnecessary force was used by the police seems now to stand out in a dozen ways from the judicial review of the case, in so far as that review has yet proceeded. When will that fact be made the basis for an action looking toward discipline not alone of the offending Harvard students, but also of the offending patrolmen?"

SUNDAY SERVICES

EPWORTH METHODIST EPISCOPAL CHURCH
Mass. Ave. opp. Waterhouse St., Cambridge

Sunday: 9:30 A. M., Church School. 10:45 A. M., Morning Service. 12:00 Noon, Men's Class. 7:30 P. M., Evening Service. Mr. Rollo Brown, "A Heretic in New England." Social half-hour follows service.

PROSPECT ST. CONGREGATIONAL CHURCH
Near Central Square, Cambridge

Sunday: 10:30 A. M., Morning Service. 12:00, Sunday School. 6:15 P. M., Young People's Meeting. 7:30 P. M., Evening Service.

TEMPLE ISRAEL
Commonwealth Ave., at Blandford St., Boston

Saturday: 10:30 A. M., Service, Rabbi Wolk, "The Minimum of Religion." Sunday: 11:00 A. M., Service, Rabbi Levi, "The Poison Pen." Tuesday: 8:00 P. M., Brotherhood. Dr. Maurice Hexter. Wednesday: 8:00 P. M., Night School. Saturday: 6:30 P. M., Cafeteria Supper and Dance for non-resident Jewish students.

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STAGE
COLONIAL: "Sunny."—Appropriately brilliant.
COPLEY: "The Ghost Train."—A stock company plus spooks equals success.
HOLLIS: "Charm."—Here dramatically defined.
NEW PARK: "Honey-mooning on High."—As it should be.
PLYMOUTH: "The Little Spitfire."—With just reason for being so.
REPERTORY: "Quality Street."—Delicate and fragile mid-Victorians.
SHUBERT: "Queen High."—Success as a musical comedy.
S. JAMES: "Laff That Off."—Much comedy, salted with pathos.
TREMONT: "On Approval."—An English comedy of manners.
WILBUR: "Americana."—A clever satire of America and Americans.

SCREEN
FENWAY: "The Lady in Ermine."—Corinne Griffith. "The White Sheep."—Richard Barthelmess.
MAJESTIC: "What Price Glory."—Extremely likeable war time manners.
METROPOLITAN: "The Third Degree."—Love and a forced confession.
STATE: "Flesh and the Devil."—Fulfills expectations.

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SWIMMING MEET VICTOR UNCERTAIN

Engineer Matmen Have Edge On Williams In Final Match Today

Beavers And Wesleyan Look For Relay Race To Be Deciding Event

Technology's swimmers are expected to overcome those of Wesleyan tomorrow afternoon, in the Fayerweather Pool at Mid-dletown. The opponents of the Beavers are reputed to be the strongest team yet met, except for the Yale aggregation, so the contest will be very close and is expected to be decided by the relay.

Captain Grover of the Engineers, past high scorer for his team, will swim against the fastest opposition when he encounters the Wesleyan star, Vandeusen. Both men are entries for the 40-yd. and 100-yd. freestyle as well as the relay. Grover will be handicapped in that he will be swimming 40-yd. lengths required by the Wesleyan tank, instead of 50-yd. ones to which he is accustomed. However he is capable of better time than his opponent, and by winning the freestyle, can go a long way toward winning the meet.

Wesleyan Strong in Dive

Wesleyan's greatest scoring ability lies in the dives and the 440-yd. dash, due to possessing a wealth of entries, outstanding of whom, are Martin and Parr. The Institute would be optimistic in the extreme to hope for more than two places in these two events. The outcome of the succeeding swim, the 150-yd. backstroke, will be decided probably by a slip of either of the two most likely winners. Gordon of Wesleyan has made better time than Luey of Technology but is not as consistent a performer. In the next race, the Beaver hopes appear brighter. Puschin and Paul Johnson may be expected to collect the eight points awarded for first and second place for the Institute, and thereby give it a chance for victory at the start of the relay.

Amherst's relay team, although it lost to Wesleyan, was able to nose out that of Technology. However, the Beaver four have shown considerably more speed than they did against the Lord Jeffs and will certainly be in the running beyond the start of the gun-lap. This will find Grover and Vandeusen opposed for the third and last time during the afternoon, so the event and therefore the meet, in all probability, will be decided by inches.

After crushing all opponents during the last few weeks the strong Dartmouth basketball team finally bowed to the Princeton five at Nassau on Wednesday by the close score of 25-22. The Green started a great rally late in the final period that nearly wiped out their opponents early lead, but as the results show they just missed out on their objective. The defeat cost them the lead in the intercollegiate basketball league.

Competition Open for Wrestling Manager

Competition for the position of Sophomore wrestling managers is now open and will continue for the remainder of the season. All second year men interested in this position are requested to report to Manager Arnold A. Archibald at M. I. T. Athletic Association office on Monday, Wednesday, or Friday after 4 o'clock.

BEAVERS WILL FENCE NORWICH TOMORROW

Comparative Scores Point To Win Over Vermonters

In the second home meet of the season tomorrow evening, the Beaver fencers match their skill against the swordsmen of Norwich. Both teams are fairly well balanced but as a result of the comparative scores of both so far this season, the Cardinal and Gray will enter as favorites.

Norwich has most of its strength concentrated in the sabres where captain Wallace and Chen are entered. These two have a very good season record in this event. In the foils Wallace, Hilton, Chen and Amsden are the outstanding visitors, while Hilton is strong in the epee.

Technology will depend upon Captain Ferre, Harris and Lester in the foils. Ferre in particular should be one of the stars of the meet. His work together with that of Harris has been responsible for most of the Engineers points this season. In the sabres Harris and Siller should provide the Vermonters with plenty of opposition while in the epee division there is much good material to choose from.

Students of Cornell University have adopted the caps of German students. The Studentnutzen, as the caps are called, are round-topped and narrow-visorred, and have a variety of colors.

FAST BROWN TEAM BATTLES ENGINEER SEXTET TOMORROW

Marked Improvement Is Shown By Pucksters In Final Week of Practice

GAME IS AT PROVIDENCE

In invading the Providence rink on Saturday night, the Beaver hockey team will endeavor to complete their season successfully by defeating the Brown sextet. This is Technology's first game since their over-whelming defeat by Dartmouth at Springfield. Since then the team has held several strenuous workouts, and a much improved squad will face the strong Brown team.

Brown has an exceptionally well balanced team of puck-chasers this season, they showed their calibre Tuesday night by defeating the B. U. team at the Arena. However, the Beaver improvement, and the fact, that this is their last game should give them sufficient confidence to come out of the contest a winner.

Team Work Improving

In a practice game with Boston University at the Arena on Wednesday evening the Cardinal and Gray showed up to good advantage. Time and again the forward line broke through the Terrier defense and gave evidence of a really formidable attack. The old passing game was once more in evidence and if worked against the Brown Bruins should prove very successful.

As a result of this week's workout Coach Bill Stewart will no doubt start Captain Bill Berkeley and Frank Crandall at the defense positions. Bill Cullinan will take care of one of the wings with Vic Duplin on the other. Ralph Crosby, who has been playing a sensational game this year at center ice will be in this position tomorrow night, while Bill Richards will compete the lineup at goal.

Huntington Team Downs Institute Frosh By 32-31

Back Bay School Takes Firsts In All but One Track Event

A margin of one point separated the Beaver frosh and the Huntington school on Wednesday when the final event had been run off, and the narrow margin is a good indication of the closeness of the meet. Although the Back Bay team took firsts in all but one running event, the Technology yearlings, being well balanced, succeeded in collecting a good total of points, and scored the only shutout of the day in the high jump.

In the 45-yd. hurdles, Ross, of the class of '30, breezed home ahead of the field in his preliminary heat, and was nosed out in the final by the narrowest of margins. Treanor, of Huntington ran a very good race to take this event. In the forty, Cohen and Edlund finished first and third, respectively, while O'Brien, Huntington's "iron man," grabbed second to even up the score.

Meagher Takes Thrilling Race

O'Brien scored again when he heaved the shot on his last put a distance of nearly 43 feet, beating Pratt, of the frosh, by some three feet. Huntington also took third in the weight event. Technology was given another setback in the thousand, when Meagher nosed out Herberts for first place. The captain of last fall's freshman cross-country squad was unable to maintain his lead, and the Huntington man passed him in the last lap. Huntington proceeded to take the 300 and 600, the best efforts of the Beaver yearlings resulting in only a second in each of these events. Ladd and Palmer placed in the 300 and 600 respectively.

A surprising weakness in the high jump on the part of Huntington brought the Institute frosh within one point of their rivals, as the last Back Bay man was eliminated at 5 ft., 1 in. The three remaining Technology jumpers divided the nine points without jumping it out for places.

CARDINAL AND GRAY PRIMED FOR VICTORY

Meeting Williams tonight in the hangar gym the Cardinal and Gray wrestlers will make every effort to complete their season with a victory. Judging by the recent wins of both teams over Norwich the meet should be an interesting one with a slight edge due the Beavers.

Technology's line-up will be about the same as it was in the last meet with Norwich. Cullen will be the mainstay in the 115-pound class and H. G. Johnson will fill the 125-pound position. In the 135-pound class there are two able men who can fill the position, Der Marderosian and Rabinovitz. The 145-pound representative will be L. E. Harris, and Mattlage will probably wrestle in the 158-pound division. Captain Franks will again give a handicap of about twenty pounds and wrestle in the 175-pound class. The unlimited class position may be filled by either Clive or Staebner.

Captain Franks has been playing the strong man extraordinarily successfully this season. In the Norwich meet he won in both the 175-pound and the unlimited classes by straight falls.

The Beaver team will, tonight, as usual, be characterized by strength in the lighter classes and comparative weakness in the heavier positions. Little is known of the distribution of William strength except that their only win in the meet with Army was in the 135-pound class.

YEARLING SWIMMERS LOSE TO HUNTINGTON

In a meet held at the Boston Y. M. C. A. pool yesterday afternoon, the Huntington school freshmen outpointed the Cardinal and Gray freshmen swimmers 35-29. Jarosh, winning the 200 yard dash, and Torchio, taking the century, were the only Beavers to take firsts.

Torchio overcame an early lead of Shikes, the Huntington star, in the 100 to finally come home a winner in the closest race of the day. The relay proved to be nothing but a walkaway for the schoolboys who took the lead at the very start and never relinquished it.

GYM TEAM WILL MEET ARMY AND PRINCETON

With two meets scheduled over the week end, the Gym team is under a considerable handicap. Waller injured his arm in the meet with Navy last week and cannot make the trip. This is a serious set back, as Waller took first in tumbling in both meets last week and placed on the rings.

Cooper will go in Waller's stead to compete on the rings and as he has been working out well in practice he should show up well in the meet. Luck and Doloff will be left to take care of the tumbling, and as both men took places last week it expected that they will come through again.

Other entries will remain as before, Stephenson entering on the horizontal, Burgess on the parallels, and Fairchild and Moore on the side horse. Libman will also go as entry on the ropes. The team has been practicing every night, and as a result should do even better than last week, in spite of the fact that they will meet two of the best teams on their schedule.

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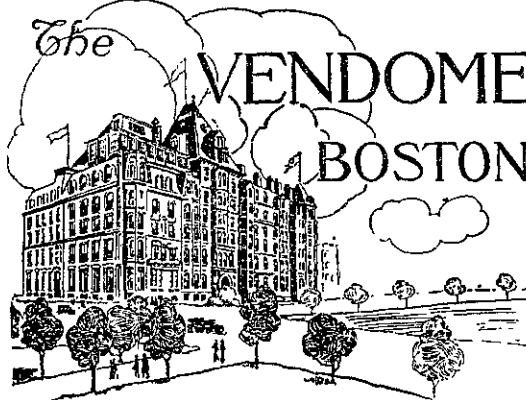
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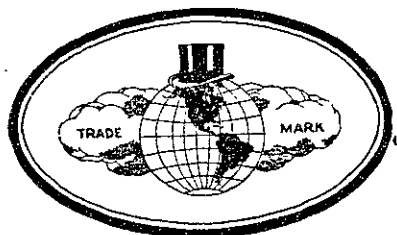
CONOWINGO PROJECT DISCUSSED BY CIVILS

Mr. G. R. Strandberg, hydraulic engineer for Stone and Webster, Inc., spoke last Wednesday night to the Technology Chapter of The American Society of Civil Engineers at a dinner meeting held at Walker Memorial, taking as his subject "The Conowingo Project."

This was the largest single piece of engineering work contracted for by Stone and Webster during 1926, and the second largest single hydroelectric installation in the United States. Mr. Strandberg illustrated his lecture by slides and motion pictures, showing the interesting features of the work on the large construction job.



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Scientific Soil Studies Now Being Made at M.I.T. by the Civil Dept.

**Dr. Charles Terzaghi Takes
Charge of Research in
Soil Behavior**

Scientific soil studies with the object of bringing about improvements in the design and construction of highways, one of the most important problems of modern transportation, are being made at the Institute in co-operation with the Bureau of Public Roads of the United States Department of Agriculture.

With the traffic load in pleasure and commercial vehicles steadily increasing, the nation's bill for road construction and maintenance already has reached a billion dollars.

Heretofore highway construction has been severely handicapped by lack of knowledge of the various types of soil and their reactions under all weather and traffic conditions. In the absence of such information engineers have been obliged to use certain standard surfaces on soils of widely different quality. As a result millions of the vast sum required for highways each year is used in the maintenance of roads that often break down from causes not now fully understood.

Collecting Soil Samples

Samples of soils from all parts of the country are now being collected in a national survey by the Bureau of Public Roads. One of the most important objects of the research at Technology is to develop suitable standard methods for testing soil and to study the effect of various factors on the "behavior" of soils. These studies, it is expected, will provide engineers with definite means of identifying soils with each other and to adapt design and construction to certain characteristics.

Such information combined with the results of the highway survey will ultimately make it possible to predict in advance just what design and methods of construction are best suited for roads in various parts of the country.

The far-reaching program worked out by the Bureau of Public Roads includes construction of sections of experimental highway for the purpose of trying out methods for improving the quality of various kinds of earth. These experiments will include studies in drainage systems and the use of gravel "blankets."

Organize Soil Research

Research in soil "behavior" has been organized by Dr. Charles Terzaghi, Associate Professor of Foundation Engineering in the Department of Civil Engineering at Technology. He is in charge of the laboratory work at the Institute, and most of the methods and apparatus now being used at the Arlington experimental station for soil testing have been developed under his direction in the laboratories at Technology.

Progress in the past few months indicates that important preliminary results may be obtained within a year. This new knowledge of soils is expected to furnish a basis for modification of design and construction of highway surfaces. Improvements brought about as a result of research, according to Dr. Terzaghi, should result in material economies in the nation's expense for roads, and if the sum amounted to only one per cent of the total expenditure, there would be a saving of \$10,000,000 a year.

CLASSES VIE ON TRACK TOMORROW

**Close Competition Expected,
With Juniors and Sophs
Ruling Favorites**

Any class rivalries which may not have been settled on Field Day will be fought out on the board track tomorrow afternoon, when Coach Os Hedlund trots his boys out for the annual interclass meet. Advance dope around the track house is that the Sophomores will win by a slight margin, followed by the class of 1930, with the Seniors and Juniors fighting for third place.

All track men are requested to report to the track house at 2 o'clock, at which time a meeting will be held, following which the meet will be run off. Among those expected to score heavily in the various events are: Steimbrenner, Burgess, Cohen, K. A. Smith, Kirwin, Gray, Costello and Martini.

RADIO SOCIETY

Radio messages to all parts of the United States will be transmitted free of charge for all students at any time. Place messages in letter box on bulletin board outside room 10-280.

REV. LOVETT DECRIES CAPITAL PUNISHMENT

Capital Punishment is wrong, and should be replaced by life imprisonment, was the opinion voiced by the Reverend Sidney C. Lovett at the second forum of the T. C. A. in the Faculty Dining Room Wednesday afternoon. Only ideal society could use capital punishment, and there it would be unnecessary, he opined.

Rev. Lovett told of a visit he had paid to Sing Sing. He said that he, as a member of a society which executed murderers, felt himself equally as bad as they. He recalled the experiences of England with capital punishment, and pointed out the bad results of the death penalty and the good effects of life imprisonment upon crime.

After the address, a heated discussion ensued. Tuesday afternoon at 4 o'clock Dr. R. Demos will conduct the third of this series of forums.

NEW FORD PLANT HOLDS OPEN HOUSE

**Technology Men Are Invited to
Visit Somerville Factory
All Next Week**

Technology students and members of the faculty will have an opportunity to inspect every department of the new Somerville assembly plant of the Ford Motor Company next week from Monday to Friday inclusive. For the convenience of visitors, operations during the week will begin daily at 1 o'clock in the afternoon and continue till 10 o'clock, and during these hours the entire plant will be open to the public.

This factory has just been completed, and embodies the most recent developments in methods of automobile assembly on a mass production basis. "The educational value of going through this plant and following the operations step by step is in itself something of which you can well afford to take complete advantage," states Mr. W. A. Francis, New England Manager of the Ford Motor Co., in extending an invitation to Technology men to make the visit. Special displays and educational exhibits will feature the week of "open house," and visitors will see the regular staff of employees carrying on actual production work in all departments.

The plant may be reached by trolley by taking a Fellsway car at Sullivan square Elevated terminal. Motorists should follow the new boulevard link between Lechmere Square, East Cambridge, and the Fellsway. Ample parking space will be provided.

ROGERS WRITES FOR TECHNOLOGY REVIEW

**Villard of The Nation Also
Contributes to Magazine**

(Continued from Page 1)

whole spirit of it, you open the way for a wedge which may be driven all the way home . . ."

In the second feature article of the Review, Professor Rogers writes about the Annual Alumni Dinner in his own inimitable way. He suggests in his story several ideas for entertainment at future Alumni dinners. He writes in his humorous vein, "Give up the major part of the dinner to entertainment, unconfined, and, if advisable, unrefined. . . . A good loud band or jazz orchestra functioning constantly. Song books. Parodies on current Technology topics to the tunes that everybody knows. Where do you work, John? The answer is almost too easy. . . . Stunts. Entertainment. Undergraduates, if necessary, but better the old grads. Where is all the old Tech Show and Musical Clubs talent? Hiding under a bushel. Or straining at a leash. There's life in the old boys yet. . . . I'm not saying, y'understand, that the present Dinner and past Dinners are not perfect of their kind. They are thoroughly planned, well organized, eatable, thoroughly bearable, dignified, efficient. Excellent of their kind. But the kind is beginning to get a bit moth-eaten methinks, to smell a bit of the camphor, stiffening into a ritual, perfunctory. You wouldn't walk a mile for it. . . . would you?"

Included under its usual departments of The Trend of Affairs, Editorial Comment, Undergraduate Affairs, Books, News from the Clubs and News from the Classes, the Alumni magazine mirrors alumni life of the past few weeks and a little of the recent activity of the undergraduates.

NOTICES

OFFICIAL

ATOMIC STRUCTURE

Professor Blanchard's course in Atomic Structure (5.75) begins Tuesday, March 8, at 8 a. m. in Room 10-250 and comprises ten lectures at this hour on Tuesday and Friday mornings.

UNDERGRADUATE

CHRISTIAN SCIENCE SOCIETY

There will be a meeting of the Chris-

tian Science Society next Tuesday afternoon at 5 o'clock.

FENCING TEAM

There will be a fencing meet with Norwich in the Faculty Dining room of Walker Memorial at 7:30 o'clock Friday. All of the squad must report.

CONCERT TICKETS

The T. C. A. has received a limited number of student tickets (50 cents each) for the concert of Povla Frisch Monday evening in Jordan Hall. Apply at office.

Because of a reduced budget, the University of Oregon has been obliged to dispense with its student infirmary.

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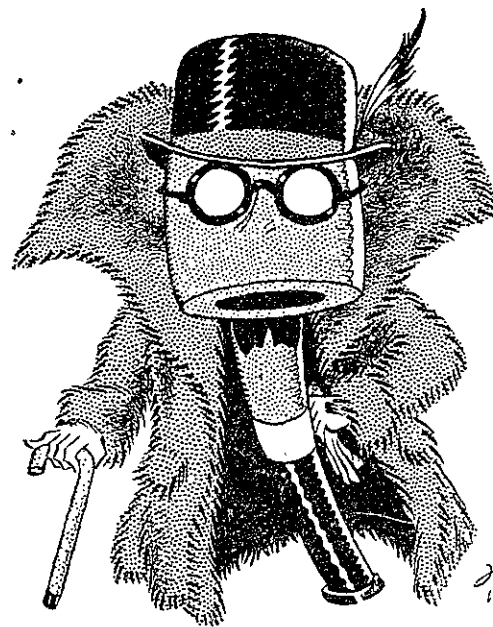
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